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From: Robert Law
Sent: Thur 10/3/2013 4:49:01 PM
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>>> "Simmons, Doug" <doug.simmons@accom.com> 10/3/2013 12:43 PM >>>

This email provides the daily status report for the LRC SSP2 sampling program for 02 October 2013. Two sampling vessels and one transport boat were in operation today. Sampling at four stations was completed today.

Transport Boat

1) The transport boat transported OSI staff to and from their vessel (CanDu) which is moored off the CPG dock at the beginning and end of the day and transported cores to the field facility for processing.

Sampling Vessel CanDu

2) Station 13B-0574 - Grab and Core

a. Four cores were advanced and three grab samples were attempted at this station today. Core 1 was advanced 9.5 feet with 8.4 feet of recovery or 88%. Core 2 was advanced 10.0 feet with 8.9 feet of recovery or 89%. Core 3 was advanced 7.8 feet with 6.7 feet of recovery or 86%. Core 4 was advanced 10.0 feet with 8.1 feet of recovery or 81%. Grab sample 1 had no recovery. Grab samples 2 and 3 had partial recoveries (small volume).

b. This station was not processed today.

3) Station 13B-0557 - Grab and Core

a. Two cores were advanced and one grab sample was attempted at this station today. Core 1 was advanced 3.7 feet with 3.65 feet of recovery or 99%. Core 2 was advanced 10.0 feet with 9.9 feet of recovery or 99%. Grab sample 1 was retained for processing.

b. This station was not processed today.

Sampling Vessel WilDu

4) Station 13B-0513 - Grab and Core

a. Three cores were advanced and one grab sample was attempted at this station today. Core 1 was advanced 9.5 feet with 7.5 feet of recovery or 79%. Core 2 was advanced 7.4 feet with 5.7 feet of recovery or 77%. Core 3 was advanced 9.4 feet with 7.1 feet of recovery or 76%. All three cores had less than 80% recovery and were disposed of as IDW. Grab sample 1 was retained for processing.

b. Grab sample 1 was processed for all analytes.

c. One interval (A) was submitted for analysis.

d. No EPA QC samples were collected from this station.

e. CPG duplicate samples for sulfide and nutrients were collected from this station.

5) Station 13B-0506 - Grab and Core

a. Three cores were advanced and one grab sample was attempted at this station today. Core 1 was advanced 2.2 feet with 3.0 feet of recovery or 136%. This core was disposed of as IDW. Core 2 was advanced 3.1 feet with 2.8 feet of recovery or 90%. Core 3 was advanced 2.2 feet with 2.0 feet of recovery or 91%. Grab sample 1 as retained for processing.

b. This station was not processed today.

Sample Processing of 10/1 Stations

6) Station 13B-0561 - Core and Grab

a. This station was sampled on 10/01. Core 1 and Grab 3 were processed on 10/1. Core 2 was processed today.

b. Native material was encountered in Core 2 at 5.33 feet. Four intervals (A, B, C, and G) were submitted for analysis and three core intervals (D, E, and F) were archived. There was insufficient sample volume for all analytes from Core interval G. Core interval G was submitted for analysis of PCDD/PCDDF, PCBs, Hg, pesticides, metals, cyanide, TOC, butyltin, and archive. Core interval G was not submitted for analysis of: grain size, SVOCs, TPH-extractables and PAHs.

c. No EPA QC samples were collected from this station.

d. No CPG QC samples were collected from this station.

7) Station 13B-0501 - Core and Grab

a. This station was sampled on 10/1 and processed today.

b. Core 1 was processed as the primary core. Core 2 was processed as the secondary core. Core 3 was not processed. Grab sample 2 was also processed.

c. Native material was not encountered in any of the cores. Four core intervals (A, B, C, and D) were submitted for analysis and no core intervals were archived.

d. EPA collected split samples from the B and C core intervals.

e. No CPG QC samples were collected from this station.

8) Station 13B-0572 - Core and Grab

a. This station was sampled on 10/1 and processed today.

b. Core 1 was processed as the primary core. Core 2 and Core 3 were all native material and were not processed. Grab samples 1, 2, and 3 had no recovery.

c. Native material was encountered at 2.27 in Core 1 and at the sediment surface in Core 2 and Core 3. Three core intervals (A, B, and C) were submitted for analysis and no core intervals were archived. There was insufficient sample volume for all analytes from all cores.

1. Core interval A was submitted for analysis of PCDD/PCDDF, PCBs, Hg, and pesticides. Core interval A was not submitted for analysis of: metals, cyanide, TOC, butyltin, archive, grain size SVOCs, TPH-extractables and PAHs.

2. Core interval B was submitted for analysis of PCDD/PCDDF, PCBs, Hg, pesticides, metals, cyanide, TOC, butyltin, SVOCs, PAHs, and grain size. Core interval B was not submitted for analysis of: archive and TPH-extractables.

3. Core interval C was submitted for analysis of PCDD/PCDDF, PCBs, Hg, pesticides, metals, cyanide, TOC, butyltin and grain size. Core interval C was not submitted for analysis of: SVOCs, TPH-extractables, PAHs, and archive.

d. No EPA QC samples were collected from this station.

e. No CPG QC samples were collected from this station.

9) Station 13B-0507 - Core and Grab

a. This station was sampled on 10/01 and processed today.

b. Core 2 was processed as the primary core. Core 3 was processed as the secondary core. Core 1 was not processed. Grab sample 1 was also processed today.

c. Native material was not encountered in any of the cores. Four intervals (A, B, C, and D) were submitted for analysis and no core intervals were archived.

d. No EPA QC samples were collected from this station.

e. No CPG QC samples were collected from this station.

10) Station 13B-0573 - Core and Grab

- a. This station was sampled on 10/01 and processed today.
- b. Core 2 was processed as the primary core. Core 4 was processed as the secondary core (only from 0.0 to 0.5 feet to provide sample volume). Core 1 was all native material and was not processed. Core 3 had no penetration. Grab sample 3 was also processed today.
- c. Native material was encountered in Core 1 at the surface, in Core 2 at 3.75 feet, and in Core 4 at 1.3 feet. Four intervals (A, B, C, and D) were submitted for analysis and no core intervals were archived.
- d. No EPA QC samples were collected from this station.
- e. A CPG duplicate sample for AVS/SEM was collected the A core interval from this station.

11) The boat crews were off-water by 16:00.

12) No non-conformances from the project QAPP were noted today.

13) No Health and Safety issues were noted today.

14) Pat Connelly of CDM-Smith was on the CanDu in morning and observed processing in the afternoon.

15) Sampling for sediment at stations 13B-0520, 13B-0523, and 13B-508 for the WilDu and 13B-0558, 13B-0571, and 13B-0555 for the CanDu is scheduled to begin Thursday 03 October 2013 at 07:00.

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